## (19) World Intellectual Property Organization

International Bureau



## 

(43) International Publication Date 24 February 2005 (24.02.2005)

PCT

## (10) International Publication Number WO 2005/017130 A2

(51) International Patent Classification<sup>7</sup>:

C12N 5/00

(21) International Application Number:

PCT/EP2004/009281

(22) International Filing Date: 18 August 2004 (18.08.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

03018576.3

18 August 2003 (18.08.2003)

- (71) Applicant (for all designated States except US): GLYCO-TOPE GMBH [DE/DE]; Robert-Rössle-Str. 10, 13125 Berlin (DE).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): GOLETZ, Steffen [DE/DE]; Eichhornstr. 24, 16548 Glienicke (DE). BAUMEISTER, Hans [DE/DE]; Hochsitzweg 159, 14169 Berlin (DE). SCHLANGSTEDT, Marion [DE/DE]; Brauhausstr. 16, 13086 Berlin (DE). SCHÖBER, Ute [DE/DE]; Kreuzstr. 7, 13187 Berlin (DE).
- (74) Agent: VOSSIUS & PARTNER; Siebertstrasse 4, 81675 Munich (DE).

- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM. TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

## Published:

- without international search report and to be republished upon receipt of that report
- with (an) indication(s) in relation to deposited biological material furnished under Rule 13bis separately from the description

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: TUMOUR CELL LINES AND USES THEREOF

(57) Abstract: The present invention relates to a cell line selected from the group consisting of (a) a cell line denominated NM-F9 having the DSMZ accession number DSM ACC2606; (b) a cell line denominated NM-D4 having the DSMZ accession number DSM ACC2605; and subclones of (a) or (b). Additionally, the present invention provides a lysate of the cell lines or a molecule or mixture of molecules obtained from these cell lines as well as dendritic cells loaded with said lysate, co-cultivated or fused with cells from the cell lines, or a molecule or mixture of molecules obtained from these cell lines of the present invention. Moreover compositions, preferably pharmaceutical or vaccine compositions are provided which comprise the cell lines, lysate, molecules, mixture of molecules or dendritic cells of the present invention. In another aspect the present invention relates to methods for producing the aforementioned compositions. Furthermore, methods and uses for vaccination against or treatment or prevention of cancers and/or tumourous diseases are provided.



